

Bioterrorism Preparedness for the Sentinel Laboratory

July 26, 2012—Carroll College, Helena, MT

Sponsored by:

Montana Department of Public Health & Human Services Public Health Laboratory



Description

This one-day, intermediate level hands-on workshop will provide an overview of the sentinel clinical laboratory scientists' role in the presumptive identification of the primary agents of bioterrorism. Participants will learn about the Laboratory Response Network and sentinel laboratory protocols for ruling out suspect agents. Laboratory demonstrations will outline the microbiology of these agents so that participants can recognize the culture, staining, and biochemical characteristics. The safety implications of handling suspected pathogens in clinical isolates and culture will be emphasized.

Audience

This workshop is designed for laboratorians who handle clinical specimens and cultures.

Objectives

At the conclusion of this program, the participants will be able to:

- Discuss the role of the clinical laboratorian in the presumptive identification of suspect agents of bioterrorism.
- Explain the safety implications of handling suspect bioterrorism organisms in clinical specimens and isolates.
- Describe the clinical presentation and biochemical characteristics of *Bacillus anthracis*, *Brucella* spp., *Burkholderia* spp., *Francisella tularensis*, and *Yersinia pestis*.
- Outline the process for referring suspect organisms to the Montana Public Health Laboratory.

Continuing Education

MTPHL will apply for approval as a provider of continuing education programs in the clinical laboratory sciences for six (6) contact hours by the American Society for Clinical Laboratory Science P.A.C.E.® Program. Details for how to redeem your certificate will be provided at the workshop.

Location

Carroll College Department of Natural Sciences
Simperman Hall/Fortin Science Center, Rm. 220
1601 North Benton Avenue, Helena, MT
Helena, MT

<http://www.carroll.edu/forms/about/campusmap.pdf>

Directions: <http://www.carroll.edu/about/directions.cc>

Program Content and Local Information

Contact Crystal Poppler at the MT Public Health Laboratory at 800-821-7284 or (406) 444-0930.

Hotel information (stay tuned for room block information):

http://book.montanahotels.org/city/?refid=1077&rs_cid=3000012606&t=mp

Special Needs

Individuals seeking special accommodations or dietary needs should specify such on the workshop application. Please allow sufficient time arrangements to be made, normally at least three weeks prior to start date of the course. For more information email cpoppler@mt.gov or call 800-821-7284 or (406) 444-0930.

Faculty

Susanne Zanto, MPH, MLS(ASCP)^{CM}, SM(NRCM), Deputy Laboratory Director, MT Laboratory Services Bureau
Kim Newman, MS, M(ASCP)^{CM}, Clinical Laboratory Specialist
Crystal Poppler, BSCLS, MLS(ASCP)^{CM}, Laboratory Training Coordinator

Agenda

8:15 a.m. Registration
8:45 a.m. Introduction
9:00 a.m. Lecture: The Laboratory Response Network, Safety in the Laboratory, Agents of Bioterrorism
10:00 a.m. Break (provided)
10:15 a.m. Lecture: Agents of Bioterrorism (continued), Referral Process
11:45 a.m. Lunch (provided)
12:30 p.m. Laboratory Exercises: Agents of Bioterrorism
2:00 p.m. Break (provided)
2:15 p.m. Laboratory Exercises (continued)
4:00 p.m. Q&A/Evaluation
4:30 p.m. Adjourn

Registration

Seating is limited so register early!

Fee: NO CHARGE to MONTANA RESIDENTS! Travel scholarships are available.

Registration Deadline: July 6, 2012

If you have questions about the registration process, accommodations, or travel scholarship, please email cpoppler@mt.gov or call 800-821-7284 or (406) 444-0930.

Confirmations will be sent by email to workshop participants.